Appl. No. 10/510,525

Response dated November 11, 2005

Response to Office action of August 11, 2005

Amendments to the Specification:

Please replace paragraph [0089] with the following amended paragraph:

[0089] The fluid power drive units 36, 37 as shown in Figure 5 consists of isolation valves 71, a means of

converting the energy of the fluid into mechanical power 72 which could be in a hydraulic power

drive unit, to create a high pressure hydraulic drive fluid supply and a flow control mechanism

(choke) 73, 74, respectively. The objective of the well stream power drive unit 37 is to maximize the

available energy in the fluid stream and to cause a pressure drop to the required separator operating

pressure. When this is the case, the choke 74 is fully open but at[,] certain periods where a limited

amount of power is required, the choke will be required to control the flow partially.

Please replace Paragraph [0111] with the following amended paragraph:

[0111] The oil tube feed line 141 tangentially enters the tube 140 below the low/low design level and

exits at the bottom of the tube 140 using a return line 142 into the oil exit line 128, using a venturi

discharge 143. This therefore ensures a uniform centrifugal flow down through the tube 140 to

prevent any droplets of water collecting as these would effect affect the density of the oil column.

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